

DART SERVICE BULLETIN SB11-2

**AFFECTING:
D412-664-203 CROSSTUBES**

**REF. TCCA STC: SH01-9
REF. FAA STC: SR01298NY
REF. EASA STC: EASA.IM.R.S.01304**

Note: This SB has been revised with important information since its original release.

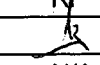
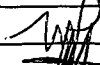
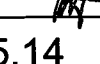
Due to unexpected failures of D412-664-203 high gear aft crosstubes at a low number of landing cycles, a life limit of 10000 landings has been established for all D412-664-203 high gear aft crosstubes. Crosstubes that already exceed the life limit must be replaced immediately.

If the number of landings that has been performed on a D412-664-203 crosstube is unknown, the number of landing cycles should be calculated based on 10 landings per flight hour since installation in lieu of a more rational method for calculating landing cycles.

Additionally, from this point forward, D412-664-203 aft crosstubes must be removed from the aircraft, stripped of paint, and LPI inspected per ASTM 1417 Level 2 at the 7500 landing interval. Cracks in the crosstube are unacceptable anywhere. If the crosstube is found to be cracked, it should be replaced immediately per ICA-D212-664. If the crosstube is not cracked, it can be refinished and re-installed per ICA-D212-664 and DSI 9549.

Per DSI 9549, when the D412-664-203 crosstubes are refinished after the LPI has been completed, an unpainted inspection window should be left on the bottom side of the crosstube and the chafing shields should be prosealed in place.

If a crosstube has experienced more than 7500 landings but less than 10000 landings, it must be LPI inspected within the next 500 landings.

D	REMOVE REPLACEMENT PURCHASE STATEMENT	DB	14.05.14
C	SET LIFE LIMIT AT 10000 LANDINGS	RF	11.04.25
B	LPI NOW TO START AT 7500 LANDINGS ADD REFERENCE TO DSI 9549	RF	11.04.11
A	NEW ISSUE	RF	11.03.22
REV.	DESCRIPTION	BY	DATE
DESIGN	DB	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED		DRAWING NO.	REV. D
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